

Fitting Instructions for Inertia Lap/Sash Seat

Belts

Carefully read these entire instructions, before commencing seat belt installation.

- Where possible have the seat belt installed by a competent mechanic at an appropriate fitting station.
- **Do not use** in front seating positions on air bag equipped vehicles.
- If any doubts, consult Hemco for the correct method of installation.
- **Under no circumstances attach seat belt fittings to any existing child restraint anchorages provided in the vehicle.**

1790001 general purpose inertia lap/sash with adjustable webbing buckle, front or rear application

- Assemble the buckle half as shown in figure 1. Adjust the webbing length so that the buckle fits in the seat at maximum forward adjustment.
- Assemble the tongue half as shown in figure 1.
- Tighten bolts securely to a torque of 35-40Nm.

1790006 general purpose inertia lap/sash with cable buckle or twin cable buckle, front or rear application

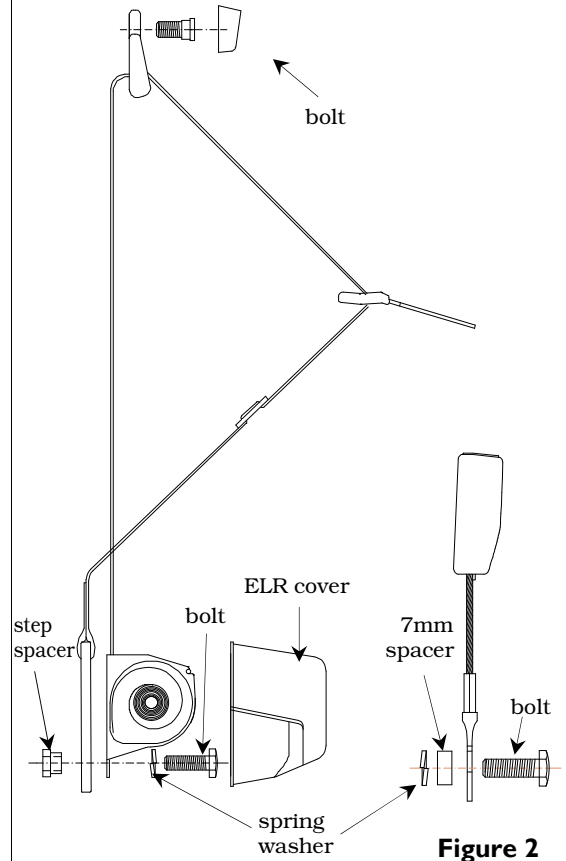
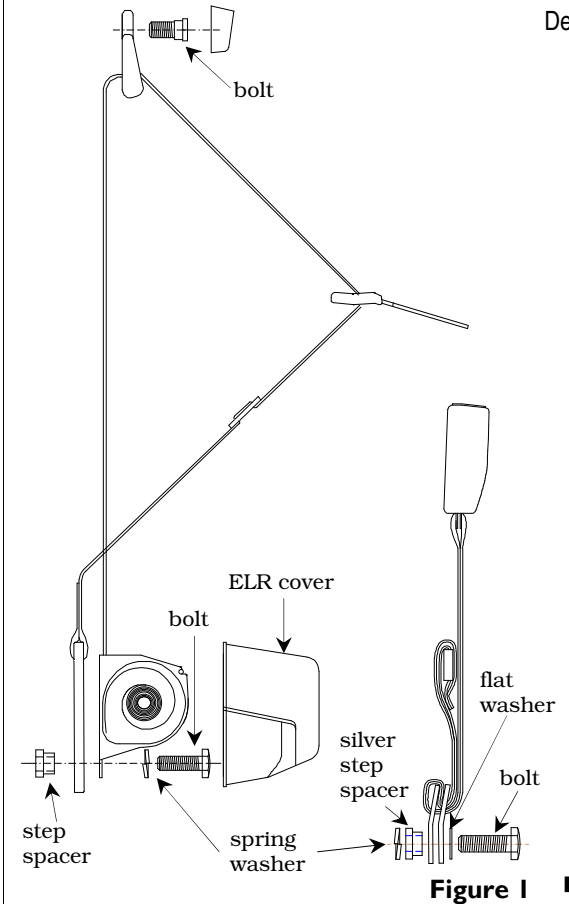
- Assemble buckle half as shown in figure 2.
- Assemble tongue half as shown in figure 2.
- Tighten bolts securely to a torque of 35-40Nm.

General Fitting Instructions

- The buckle must be located at or below the wearer's hips.
- Do not make any alterations or modifications to the seat belt assembly.
- Ensure that the webbing does not contact sharp corners or edges which may cause cutting or abrasion.
- If optional ELR cover included, snap into place on ELR

Fitting Instructions For Cars Without Anchorage Points

- **Do not drill additional anchorage points if there are existing in -built anchorages.**
- Cut carpets, etc. to allow at least 1.5mm clearance on all sides.
- Ensure floor anchorage points are no less than 380mm apart.
- Drill holes where they are free from obstructions on the underside of the vehicle.
- Do not mount assemblies to unsound metal, or to wooden or plastic structures, or to seats (unless the vehicle manufacturer has provided seat belt anchors on the seat).
- Use a plate to reinforce the anchor point. Reinforcement plates are available from Hemco as an option.
- The shoulder anchor point should be located at or above shoulder height. When this is not practicable, the maximum recommended downward slope is 15°. Barrel bolts for fitment through the pillar are available from Hemco as an option.



1790001 / 1790006 General Purpose Inertia Lap/Sash Seat Belt

1790001/1790006 General Purpose Inertia Lap/Sash Belt

Installers of seat belts are specifically requested to leave these instructions in the vehicle so that the owner may read them.

Warnings

For full benefit from this seat belt:-

- **IT MUST BE FIRMLY ADJUSTED.**
- **IT MUST NOT BE TWISTED.**
- **THE LAP SECTION MUST BE WORN ACROSS THE HIPS.**
- **EACH SEAT BELT MUST ONLY RESTRAIN ONE OCCUPANT.**
- **THE BUCKLE MUST BE LOCATED AT OR BELOW THE WEARERS HIP**
- **DO NOT ALLOW SEAT BELTS TO CONTACT CHEMICALS**
- **CLEAN WITH A DAMP CLOTH**
- **REPLACE THE SEAT BELT IF DAMAGED, FRAYED, CONTACTED BY CHEMICALS OR WORN IN A SEVERE CRASH.**
- **NO MODIFICATIONS OR ADDITIONS SHOULD BE MADE BY THE USER WHICH WILL EITHER PREVENT THE SEAT BELT ADJUSTMENT DEVICES FROM OPERATING TO REMOVE SLACK, OR PREVENT THE SEAT BELT ASSEMBLY BEING ADJUSTED TO REMOVE SLACK.**

General Information

Seat belts are designed to bear upon the bony structure of the body, and should be worn low across the front of the pelvis, chest and shoulders as applicable. Wearing of the lap/sash section of the belt across the abdominal area must be avoided.

The emergency locking retractor (ELR) seat belt will automatically retract the webbing once the lap/sash and buckle half have disengaged. This type of seat belt allows freedom of movement to the occupant but will automatically lock during a sudden impact, or heavy braking, or a change of direction of the vehicle. To test the locking mechanism of the ELR a sharp tug on the webbing will lock the belt or a firm application on the brakes when the vehicle is in motion.

Care should be taken to avoid contamination of the webbing with polishes, oils and chemicals and particularly battery acid. Use mild soap and water to safely clean the belts.

How To Use Your Seat Belt Correctly

To fasten the seat belt hold the buckle in one hand and hold the sash strap by the tongue in the other then pull it over the hip and across the chest and shoulders and insert the tongue into the red buckle mouth until a click indicates complete engagement.

To release the belt, depress the red button, the tongue will then automatically eject from the buckle. For proper protection the seat belt must be worn comfortably tight when sitting in the normal position.

Parts Listing

1790001

Adjustable Webbing Buckle or
Fixed Webbing Buckle by 1
Inertia Lap/Sash Tongue half by 1
7/16" UNF x 35 mm bolts by 2
Step spacer (gold) by 1
Spring washer by 2
Step spacer (silver) by 1
Flat washer by 1

1790006

Cable or Twin Cable Buckle by 1
Inertia Lap/Sash Tongue half by 1
7/16" UNF x 35 mm bolts by 2
7mm spacer by 1
Spring washer by 2
Step spacer (gold) by 1